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AMENDED SET OF CLAIMS

1. Use of a vegetable oil stable water emulsion as an adjuvant for substances having a fungicide bactericide and insecticide activity in preventive or curative treatments of diseases caused by fungi, bacteria and insects on agricultural cultivations wherein said vegetable oil is soybean oil and said soybean oil is emulsified in water to form a stable water emulsion comprising 40 % of soybean oil by weight or volume, with respect to the overall weight or volume of the stable water emulsion.

2. Use of a vegetable oil as an adjuvant for substances having a herbicide activity in treatments for weed control on agricultural cultivations.

3. Use as claimed in claim 1 or 2, wherein the vegetable oil is emulsified in water to form a stable water emulsion comprising vegetable oil and water.

4. Use as claimed in claim 3, wherein the emulsion comprises water in an amount included between 15 and 85 % by weight or volume, with respect to the overall weight or volume of the emulsion, and vegetable oil or vegetable oil mixtures in an amount included between 85 and 15 % by weight or volume, with respect to the overall weight or volume of the emulsion.

5. Use as claimed in claim 4, wherein the vegetable oil is selected from: soybean oil, rape oil, sunflower oil, peanut oil, linseed oil, cottonseed oil, corn oil, easter oil, neem oil and olive oil, preferably soybean oil.

6. Use as claimed in claim 1, wherein fungus

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selection is made from the group comprising: *Pythium* spp.; *Phyphthora* spp.; *Peronospora* spp.; *Bremia* spp.; *Uncinula necator*; *Sclerotinia* spp.; *Venturia inaequalis*; *Cercospora* spp.; *Alternaria* spp.; *Thielaviopsis* spp.;

5 *Cladosporium* spp.; *Botritis* spp.; *Monilia* spp.; *Verticillium* spp..

7. Use as claimed in claim 1, wherein bacterium selection is made from the group comprising:

10 *Pseudomonas* spp.; *Xanthomonas* spp.; *Erwinia* spp.; *Corynebacterium* spp.; *Streptomyces* spp..

8. Use as claimed in claim 1 wherein insect selection is made from the group comprising: *Coleoptera*, *Elateridae*, *Agriotes* spp.; *Chrysomelidae*, *Chactocnema tibialis*; *Circulionidae*, *Conorrhynchus mendicus*; *Scolytidae*, *Scolytus* spp.; *Diptera*, *trypetidae*, *Ceratitidae*, *capitata*; *Hymenoptera*, *tenthredinidae*, *Hoplocampa brevis*; *Lepidoptera*, *pyraustidae*, *Ostrinia nubilalis*; *Noctuidae*, *Manestra brassicae*; *Pieridae*, *Pieris brassicae*; *Cessidae*, *Cessus cessus*; *Lithocelletidae*, *Lithocelletis blanchardella*; *Tortricidae*, *Cydia pomonella*; *Cochylidae* *Eupoecilia ambiguella*; *Xponeridae*, *Prays oleae*; *Lymantridae*, *Lymantria dispar*; *Orthoptera*, *Crypsitidae*, *Gryllotalpa gryllotalpa*, *Rhynchota*, *Aphididae*, *Mysus persicae*; *Flatidae*, *Metcalfa pruinosa*; *Pentatomidae*, *Nezara viridula*; *Aleyrodidae*, *Trialureoides vaporarium*; *Psyllidae*, *Psylla pyri*; *Diaspididae*, *Quarospidiotus* 30 *perniciosus*; *Pseudococcidae*, *Planococcus citri*; *Monophlebidae*, *Pericrya purchasi*; *Coccoidae*, *Saissetia oleae*; *Thysanoptera*, *Thripidae*, *Thrips tabaci*; *Tetranychidae* mites, *Panonychus ulmi*; *Eriophyidae* mites, *Tetranychus cinnabarinus*.

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9. Use as claimed in claim 2, wherein weed selection is made from the group comprising: ~~Abutilon theophrasti~~, ~~Matricaria chamomilla~~, ~~Ranunculus repens~~, ~~Daucus carota~~, ~~Lamium purpureum~~, ~~Amaranthus retroflexus~~, ~~Anagallis arvensis~~, ~~Sinapis arvensis~~, ~~Chenopodium album~~, ~~Convolvulus arvensis~~, ~~Solanum nigrum~~, ~~Ceranium molle~~, ~~Euphorbia peplus~~, ~~Polygonum aviculare~~, ~~Papaver rhoeas~~, ~~Vicia sativa~~, ~~Veronica persica~~, ~~Avena spp.~~, ~~Lolium spp.~~, ~~Echinochloa crusgalli~~.

10 3. Use as claimed in claim 1 or 2, wherein the cultivations submitted to treatment are selected from the group comprising: horticultural cultivations, 15 tomato, potato, lettuce, strawberry, onion, celery, melon, marrow, aubergine, artichoke, French bean, cabbage; flower and ornamental cultivations, rhododendron, begonia, camellia, chrysanthemum, carnation, stork's bill, gerbera, lily, orchid, 20 petunia, primula, rose; arboreous cultivations, dicotyledon, citrus, cherry, fig, almond, apple, walnut, olive, pear, peach, plum trees, vine, flower and ornamental trees.

25 11 4. A fungicide, bactericide or insecticide composition, characterized in that it comprises:
 - a stable water emulsion of vegetable oil as claimed in claim 1; and:
 - at least one substance having a fungicide, 30 bactericide or insecticide activity.

12. A herbicide composition, characterized in that it comprises:
 - a stable water emulsion of vegetable oil; and:
 35 - at least one substance having a herbicide activity.

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13. A composition as claimed in claim 11 or 12, wherein the vegetable oil is emulsified in water to form a stable water emulsion comprising a vegetable oil and water.

14. A composition as claimed in claim 13, wherein the emulsion comprises water in an amount in the range of 15 to 85% by weight or volume, with respect to the overall weight or volume of the emulsion, and vegetable oil or vegetable oil mixtures in an amount in the range of 85 to 15% by weight or volume, with respect to the overall weight or volume of the emulsion.

15. A composition as claimed in claim 14, wherein the vegetable oil is selected from: soybean oil, rape oil, sunflower oil, peanut oil, linseed oil, cottonseed oil, corn oil, castor oil, neem oil and olive oil, preferably soybean oil.

16. Use of the composition as claimed in claim 11 for preventive or curative treatments of diseases caused by fungi bacteria and insects on agricultural cultivations.

17. Use of the composition as claimed in claim 12 in treatments for weed control on agricultural cultivations.

18. Use as claimed in claim 16, wherein fungus selection is made from the group comprising: *Pythium* spp.; *Phytophthora* spp.; *Peronospora* spp.; *Bremia* spp.; *Uncinula necator*; *Sclerotinia* spp.; *Venturia inaequalis*; *Cercospora* spp.; *Alternaria* spp.; *Thielaviopsis* spp.; *Cladosporium* spp.; *Botritis* spp.; *Monilia* spp.;

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Verticillium spp.

19. Use as claimed in claim 16, wherein bacterium selection is made from the group comprising:

5 *Pseudomonas spp.*, *Xanthomonas spp.*; *Erwinia spp.*, *Corynebacterium spp.*, *Streptomyces spp.*

20. Use as claimed in claim 16, where insect selection is made from the group comprising: Coleoptera, Elateridae, Agriotes spp.; Chrysomelidae, Chaetocnema

10 *tibialis*, Curculionidae, *Conorrhynchus mendicus*, Scolytidae, *Scolytus spp.*; Diptera, Tephritidae, *Ceratitis capitata*, Hymenoptera, Encyrtidae, *Hoplocampa brevis*; Lepidoptera, Pyraustidae, *Ostrinia nubilalis*; Noctuidae, *Manestra brassicae*; Pieridae,

15 *Pieris brassicae*; Cossidae, *Cossus cossus*, Lithocelidae, *Lithocelis blanchardella*; Tortricidae, *Cydia pomonella*, *Cochylidae*, *Supcoecilia ambiguella*; Xylopernitidae, *Prays oleae*; Lymantriidae, *Lymantria dispar*; Orthoptera, Gryllotalpidae,

20 *Gryllotalpa gryllotalpa*, Rhynchota, Aphididae, *Myzus persicae*; Flatidae, *Metscalfa pruinosa*; Pentatomidae, *Nesara viridula*; Aleyrodidae, *Trialeurodes vaporariorum*, Psyllidae, *Psylla pyri*; Diaspididae, *Quarospidiellus perniciosus*; Pseudococcidae, *Planococcus citri*,

25 Monophlebidae, *Pericorys purchasi*; Coccidae, *Saissetia oleae*; Thysanoptera, Thripidae, *Thrips tabaci*; Tetranychidae mites, *Panonychus ulmi*; Eriophyidae mites, *Iauulus feckenii*.

30 21. Use as claimed in claim 17, wherein weed selection is made from the group comprising: *Abutilon theophrasti*, *Matricaria chamomilla*, *Ranunculus repens*, *Daucus carota*, *Lamium purpureum*, *Amaranthus retroflexus*, *Agrostis arvensis*, *Sinapis arvensis*,

35 *Chenopodium album*, *Convolvulus arvensis*, *Solanum*

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~~nigrum; Geranium molle; Euphorbia peplus; Polygonum aviculare; Papaver rhoes; Vicia sativa; Veronica persica; Avena spp.; Lolium spp.; Echinochloa crusgalli.~~

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22 7. Use as claimed in claim 16 or 17 5, wherein the cultivations submitted to treatment are selected from the group comprising: horticultural cultivations, tomato, potato, lettuce, strawberry, onion, celery, 10 melon, marrow, aubergine, artichoke, French bean, cabbage; flower and ornamental cultivations, rhododendron, begonia, camellia, chrysanthemum, carnation, stork's bill, gerbera, lily, orchid, petunia, primula, rose; arboreous cultivations, 15 dicotyledon, citrus, cherry, fig, almond, apple, walnut, olive, pear, peach, plum trees, vine, flower and ornamental trees.

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